HQ Executive Information System (HQEIS) Update

The HQ EIS is a user friendly method for Headquarters, Department of Army (HQDA), Major Army Commands (MACOM), Office of the Secretary of Defense (OSD), Army Installations and DoD contractors to acquire information from IFS-M and other existing databases. The EIS is designed to allow users easy access to data without knowledge of Structured Query Language (SQL) or specialized computer skills.   It is a multidimensional database that provides standard graphical, tabular and spatial displays for multiple levels and fiscal years. These displays allow users at all levels a means of analyzing their Real Property Inventory and Real Property Maintenance Activity (RPMA) costs.

The EIS has minimal hardware and software requirements for the user. The HQEIS architecture uses a 3-tiered approach. This approach requires each user to load minimal software (1MB) on their PC to access the CPW communications server (Winframe). The communications server provides the HQEIS software and all software necessary to connect to the HQEIS database server.   This architecture allows for easy updating of the HQEIS screens and database, eliminates the logistics of distributing software updates to users, allows for better version control and security, eliminates the TCP/IP compatibility problems, simplifies the user's workstation and provides access to other facility databases (HQISR, ASIP). The HQEIS Winframe server can be accessed using an internet or modem connection and Winframe Client software. The HQEIS Winframe client software is presently available on the CPW EIS Home Page in the EIS Software Library (http://www.usacpw.belvoir.army.mil/eis/softwa~1/librar~1.htm). Each user must request a username/password from CPW to access the system.

The HQEIS database resides on a quad pentium processor at CPW. The HQEIS Real Property Inventory (RPI) data is updated semi-annually and RPMA cost data is updated annually. Real Property data is currently at FY97, Qtr 4 and RPMA Cost data is FY96, Qtr 4. Historical data is available for both Real Property and Costs. Only the most current quarter of data is retained for each FY. HQEIS (which includes the GIS module) displays data from existing databases and sources such as: Integrated Facilities System- Mini/Micro (IFS-M), Real Property StandAlone (RPS), Desktop Resource Real Property System (DR-REAL), Army Stationing Implementation Plan (ASIP), Business Occupancy Plan (BOP), Facility Reduction Program (FRP), McKinney Act , Technical Data Report (TDR), FRP Credits (ACSIM), Headquarters Installation Status Report (HQISR), Best Available Leased Database (BALD) and Construction Appropriations Programming, Control and Execution System (CAPCES).

HQEIS standard screens display; Plant Replacement Value, UPH (SF/Spaces), Family Housing (SF/Families), Vacant space, Inleased/Outgranted Square Footage, Acreage, Building Square Footage, RPMA Costs by TDAC (Redbook), etc. HQEIS/Geographical Information System (GIS) module will allow users to display Installations, Real Property, Leases, Military Construction Projects, Real Property Conditions, Population and Military Entrance Processing Stations (MEPS) spatially. Standard Queries provide installation data by Facility Number, Space Assignment Report and a 3-digit Category Code/5-digit category code queries that display detail data at all levels (HQDA, MACOM, Primary Installation, Installation) with various retrieval options. Static displays include graphics and text charts for Essential Facility Requirements (EFR) and HQISR summary charts produced by the ACSIM. The Oracle Browser tool assists user's in obtaining data from the database that is not currently available on standard screen displays. Standard screens were designed to answer 80 to 90 percent of typical questions. User's

can also access HQISR directly from the HQEIS main menu. On-line tools allow the user to copy EIS screens or data to a clipboard, export data to a file, print table or print screens.

Future EIS development includes archiving up to ten years of data, providing users with a trends module to analyze multiple years of data, displaying data for Army Controlled/Army Owned/Army Owned but Controlled by Others in addition to Army Managed, direct access to other existing databases/tools, on-line data dictionary and GIS enhancements.

The GIS allows the user to select conditions or filters on the data before creating a spatial or map view. All functional areas can be displayed by Organization and /or Geographically. The organization options allow the user to display data by major command, base, parent installation, installation or station. Geographic selections can be made by Country, Corps District, State, Congressional District or Radius. Geographic options are consistent for each area. Each functional area has unique conditions that can be applied :

- ▸ Real Property by Design Use, Type Construction and Ownership
- ▸ CAPCES Projects by Project Type, Cost, Status, Add-on Funding, Appropriation
- ▸ Leases by Space Type, Termination Date, Cost, Proponent
- ▸ Unit Strength by Unit Type, Unit Branch, FY

A CPW EIS Home Page is now available on the World Wide Web. Please visit our home page at http://www.usacpw.belvoir.army.mil. Click on the 'Information' icon to access the 'Executive Information System' link. The Winframe Client software can be accessed using the 'Software Library' link and the Winframe Client install procedures are available using the 'Winframe Client' link.   For information or questions related to the Headquarters Executive Information System (HQEIS) contact Linda Smith, (703) 428-7415, DSN 328, linda.w.smith@cpw01.usace.army.mil or Jeri King, (703) 428-6074, jeralyn.j.king@cpw01.usace.army.mil.